

1 ABSTRACT OF THE DISCLOSURE

2 A heat radiator includes a water tank containing cooling liquid. A first
3 radiating member has a top plate secured at top edges of the water tank. Multiple
4 first fins are formed beneath the top plate and immersed in the cooling liquid. A
5 heat insulating pad is adhered on the top plate. At least one semiconductor
6 refrigerating component is mounted on the top plate and has a hot surface
7 abutting the top plate and a cold surface exposed from the heat insulating pad. A
8 second radiating member is positioned on the first radiating member and has a
9 bottom plate with an area over the semiconductor refrigerating component.
10 Multiple second fins are formed on the bottom plate. A fan is mounted on the
11 second fins of the second radiating member.